

DSPIC33EP512MU810T-I/PT





Part Number: [DSPIC33EP512MU810T-I/PT](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 16BIT 512KB FLASH 100TQFP

Data sheet:

 [16-bit Embedded Control Solutions](#)

 [dsPIC\(33,24\)EPzzz\(MU,GU\)8xx Datasheet](#)

 [dsPIC33EPxxx\(GP,Mx\)8xx, PIC24EPxxxGx81x Errata](#)

RoHs Status: Lead free / RoHS Compliant

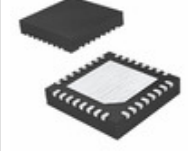
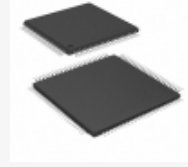
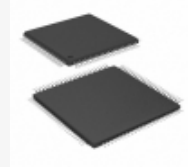
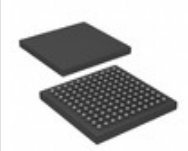
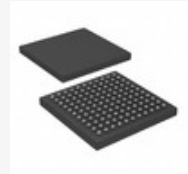
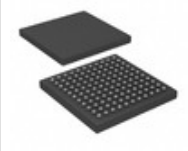
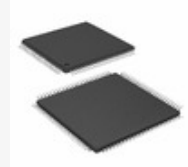
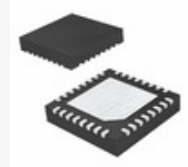
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PRODUCT PARAMETER			
Part Number	DSPIC33EP512MU810T-I/PT	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 512KB FLASH 100TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	11820 pcs	Data sheet	16-bit Embedded Control Solutions dsPIC(33,24)EPzzz(MU,GU)8xx Datasheet dsPIC33EPxxx(GP,Mx)8xx, PIC24EPxxxGx81x Errata
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3 V ~ 3.6 V
Supplier Device Package	100-TQFP (12x12)	Speed	70 MIPs
Series	dsPIC™ 33EP	RAM Size	24K x 16
Program Memory Type	FLASH	Program Memory Size	512KB (170K x 24)
Peripherals	Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, WDT	Packaging	Tape & Reel (TR)
Package / Case	100-TQFP	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	83
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	12 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	dsPIC dsPIC™ 33EP Microcontroller IC 16-Bit 70 MIPs 512KB (170K x 24) FLASH 100-TQFP (12x12)	Data Converters	A/D 32x10b/12b
Core Size	16-Bit	Core Processor	dsPIC
Connectivity	CANbus, I²C, IrDA, LINbus, QEI, SPI, UART/USART, USB OTG	Base Part Number	DSPIC33EP512MU810
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RELATED PRODUCTS			
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	Part#: DSPIC33EP64GP502-I/MM Description: IC MCU 16BIT 64KB FLASH 28QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP512MC806T-I/PT Description: IC MCU 16BIT 512KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP512MU814-I/PL Description: IC MCU 16BIT 512KB FLASH 144LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP512MU810-E/PT Description: IC MCU 16BIT 512KB FLASH 100TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: DSPIC33EP512MU810-I/BG Description: IC MCU 16BIT 512KB FLASH 121BGA	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: DSPIC33EP512MU810T-I/PF Description: IC MCU 16BIT 512KB FLASH 100TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP64GP502-E/SO Description: IC MCU 16BIT 64KB FLASH 28SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP512MU814-E/PL Description: IC MCU 16BIT 512KB FLASH 144LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP512MU810-I/PF Description: IC MCU 16BIT 512KB FLASH 100TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP512MC806T-I/MR Description: IC MCU 16BIT 512KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP64GP502-E/MM Description: IC MCU 16BIT 64KB FLASH 28QFN	Manufacturers: Micrel / Microchip Technology	RFQ

Related keywords for DSPIC33EP512MU810T-I/PT

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